



THE FUTURE OF CONSTRUCTION

PANELIZED COLD FORM STEEL

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What is Panalized Cold Formed Steel

Cold-formed steel (CFS) is a type of steel product that is shaped and formed at room temperature, without heat, using various manufacturing processes such as bending, rolling, or pressing. This process allows for the creation of complex shapes and profiles while maintaining the material's strength and integrity. It can be customized to meet precise specifications, including unique shapes, sizes, and thicknesses, allowing for tailored solutions that fit the needs of various applications.



Core Advantages of Panalized Cold Formed Steel

SPEED

CFS framing members speed up construction through efficient fabrication and installation processes

Design Flexibility

The high strength-to-weight ratio of CFS offers architects and engineers greater design flexibility.

Noncombustibility

CFS framing is noncombustible, a quality that enhances fire resistance and building safety

Cost Effective

Steel framing offers a cost-effective long-term choice due to its minimal maintenance, and durability.

Precision Build

Factory-made components reduce errors, delays, and rework

Energy Efficiency

CFS framing members support energy efficiency through integration with high-performance insulation

Seismic Resistance

Steel's performance during seismic events and high winds makes it an ideal material for disaster-prone areas.

Sustainability

Steel framing is fully recyclable and highly material-efficient, minimizing construction waste.

Minimized Waste

Steel components are pre-cut to precise specifications, reducing construction waste and environmental impact

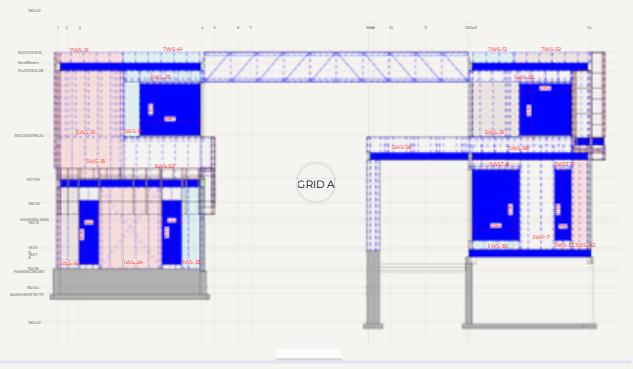
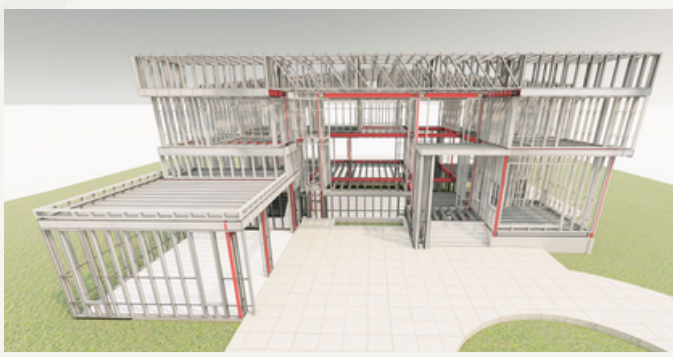
Mould Free

CFS framing members are resistant to rot, mould, and pests

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Timeline



01

Schematic
Design

APRIL 2024

02

Construction
Drawing

JUNE 2024

PERMIT
SUBMISSION

03

Fabrication

AUGUST 2024

07

Finish

21 DECEMBER 2024

06

Start of Installation

23 OCTOBER 2024

05

Delivery

SEPTEMBER 2024

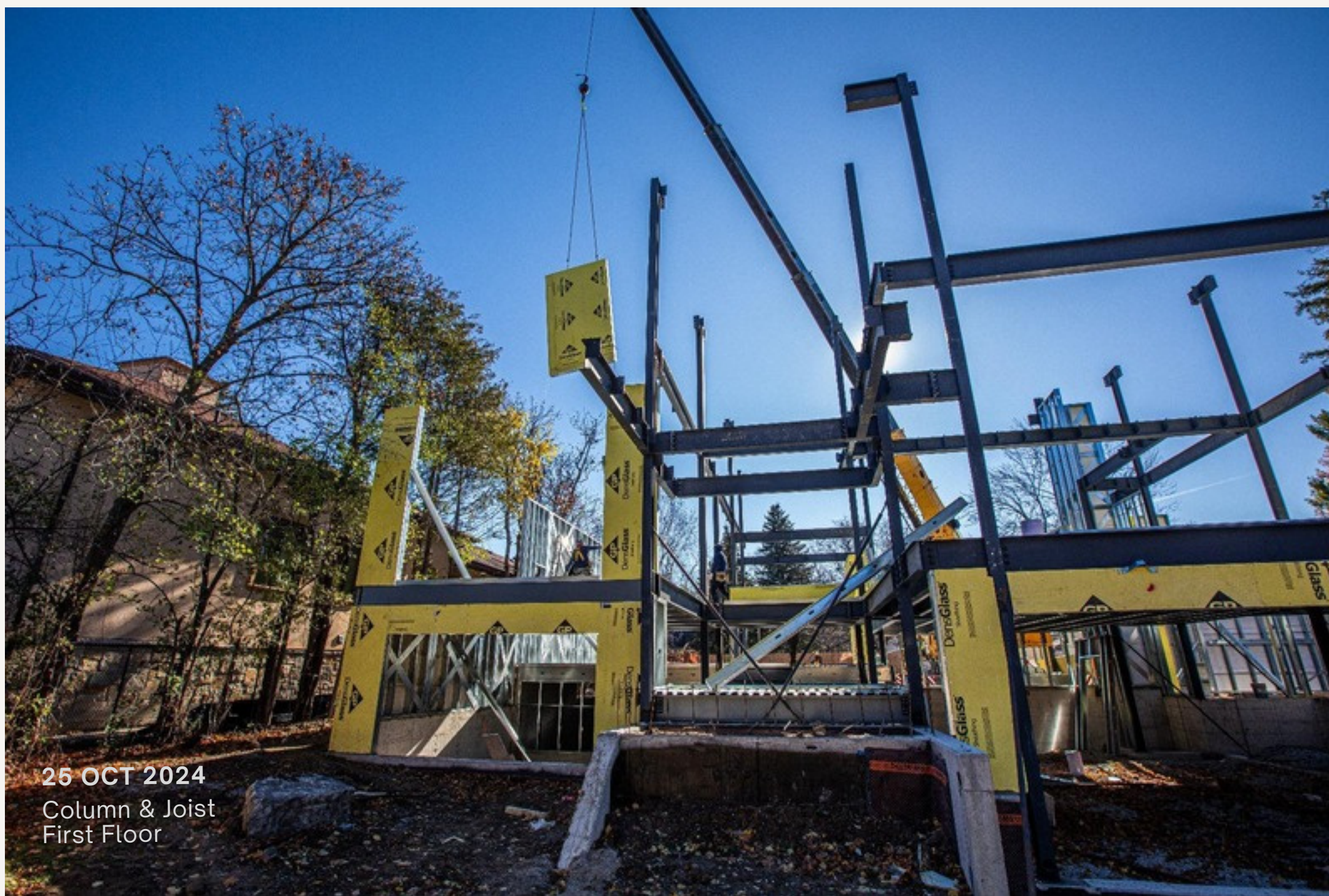
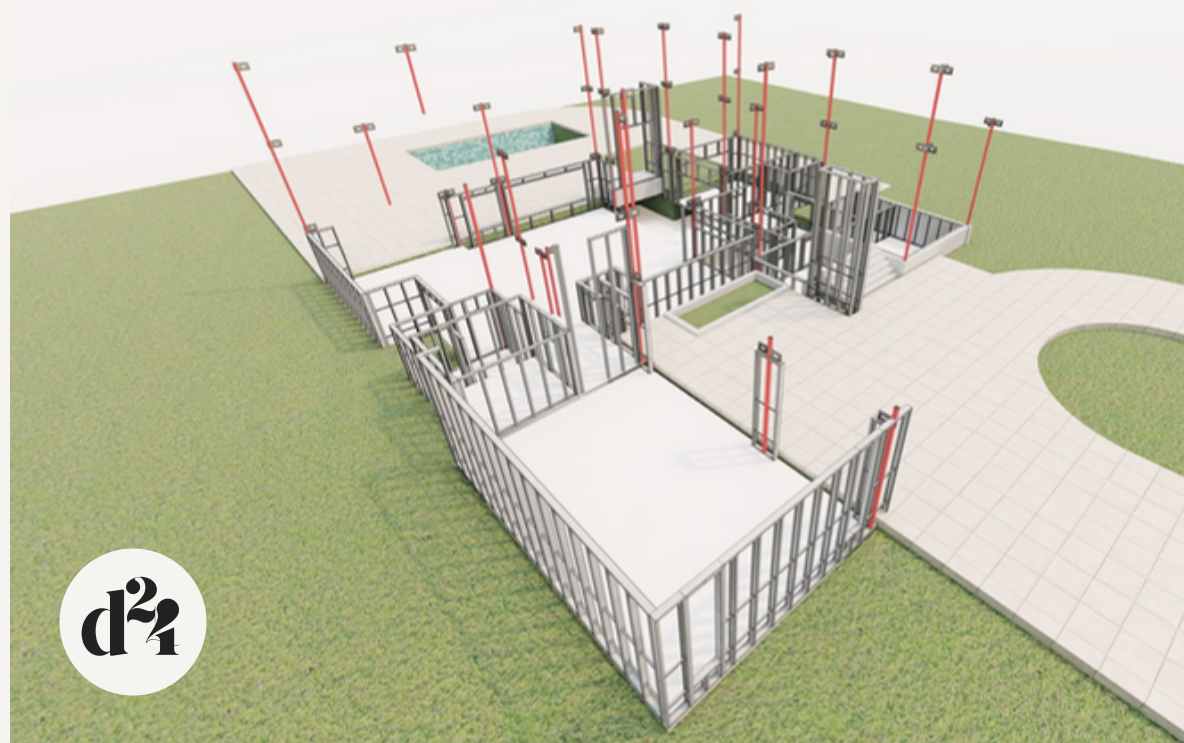
04

Packing & Shipment

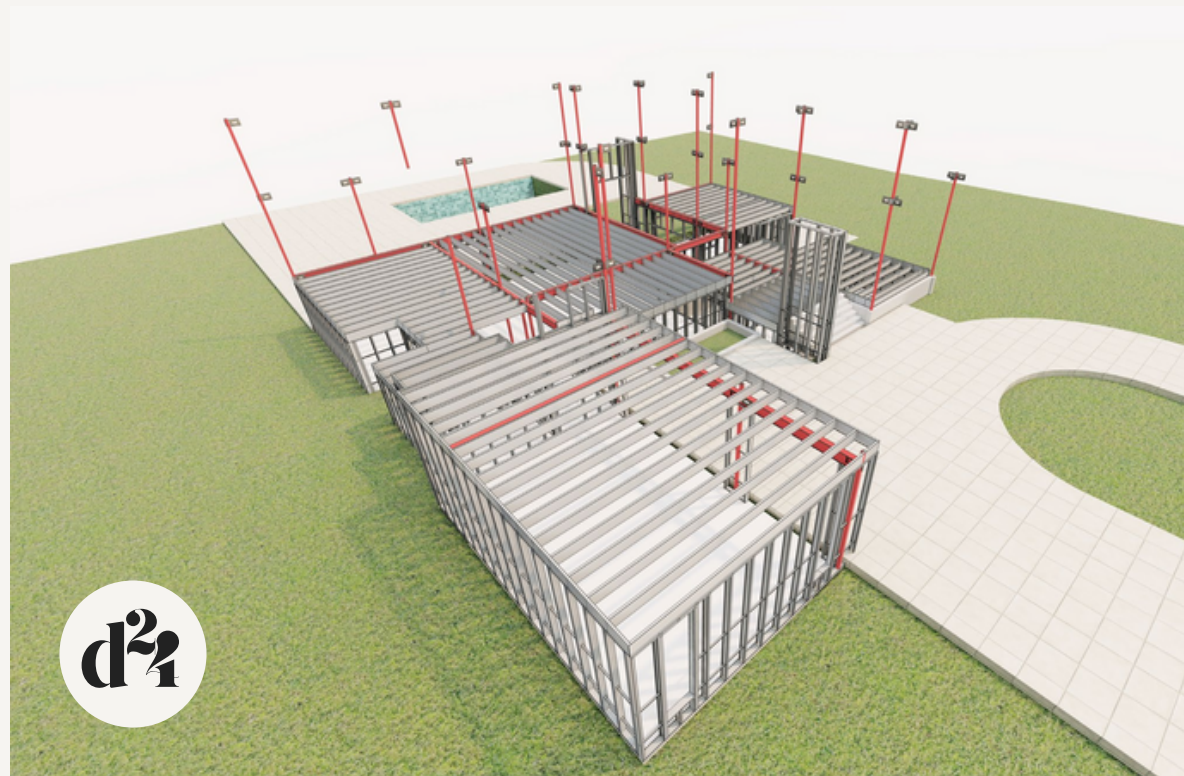


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Case Study

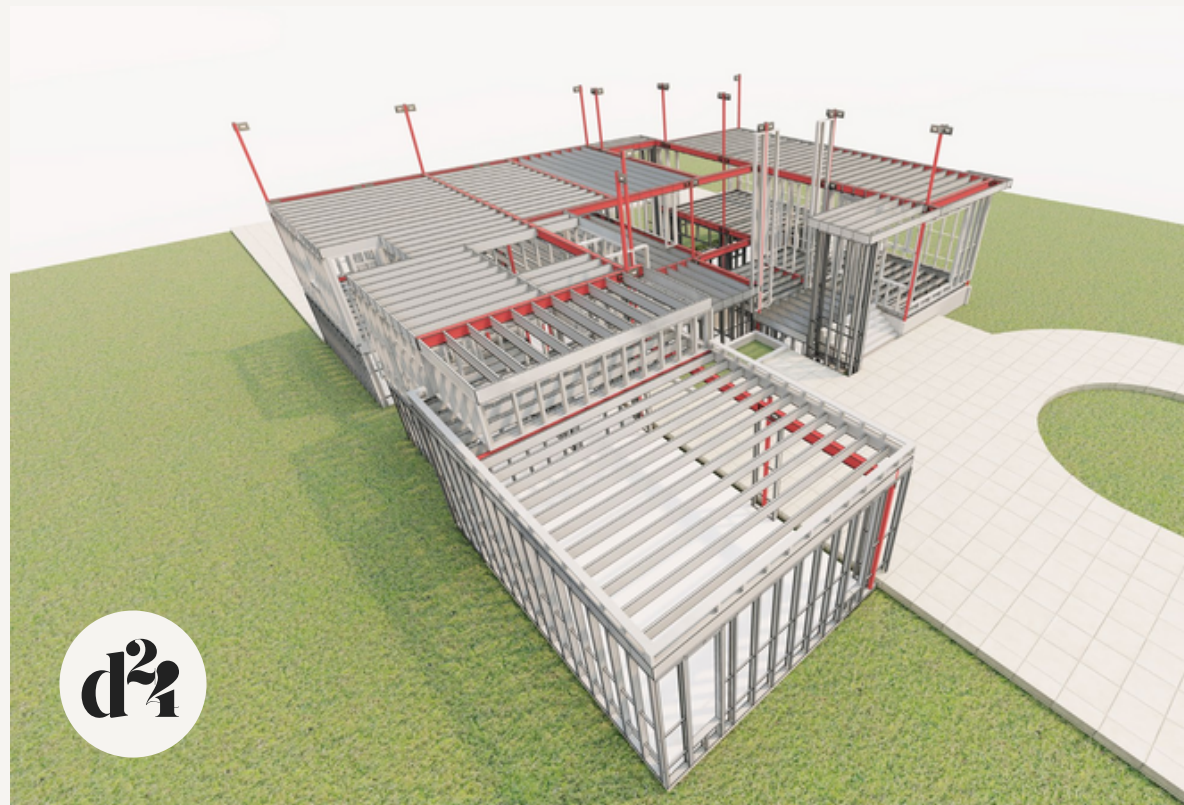


Case Study

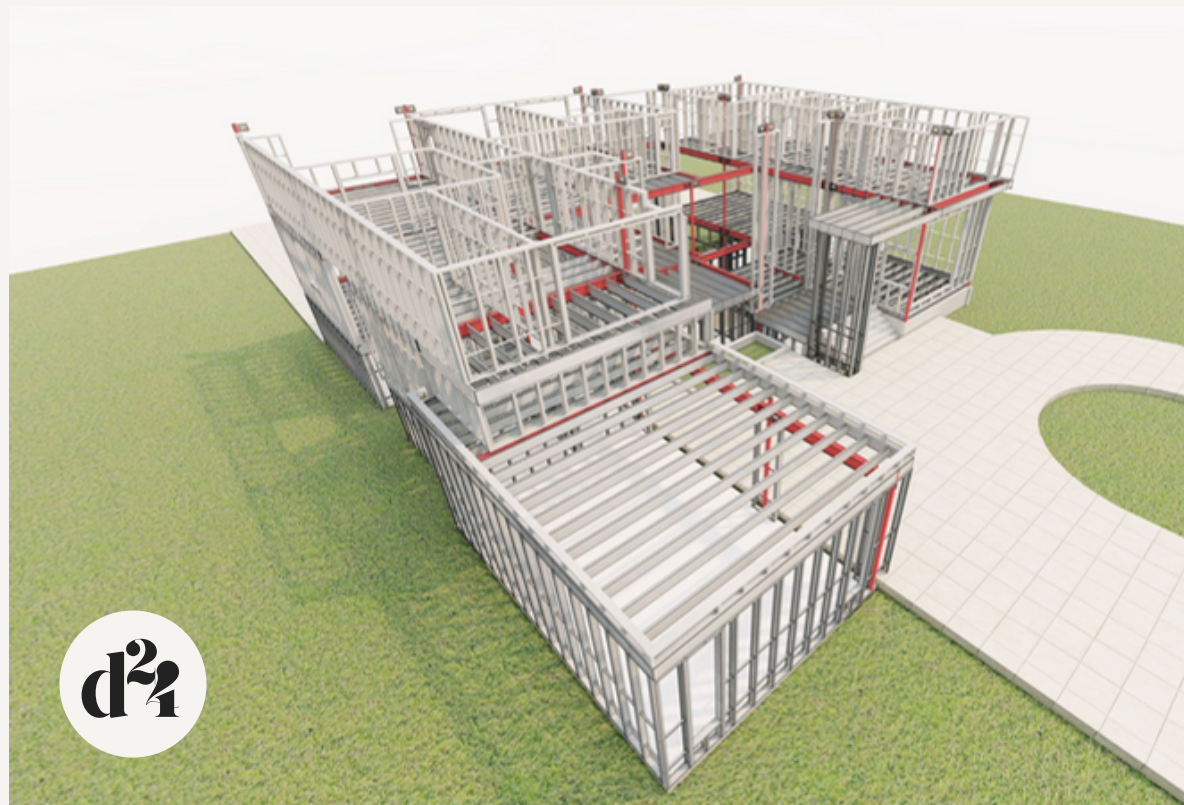


8 NOV 2024
Metal Deck
First Floor

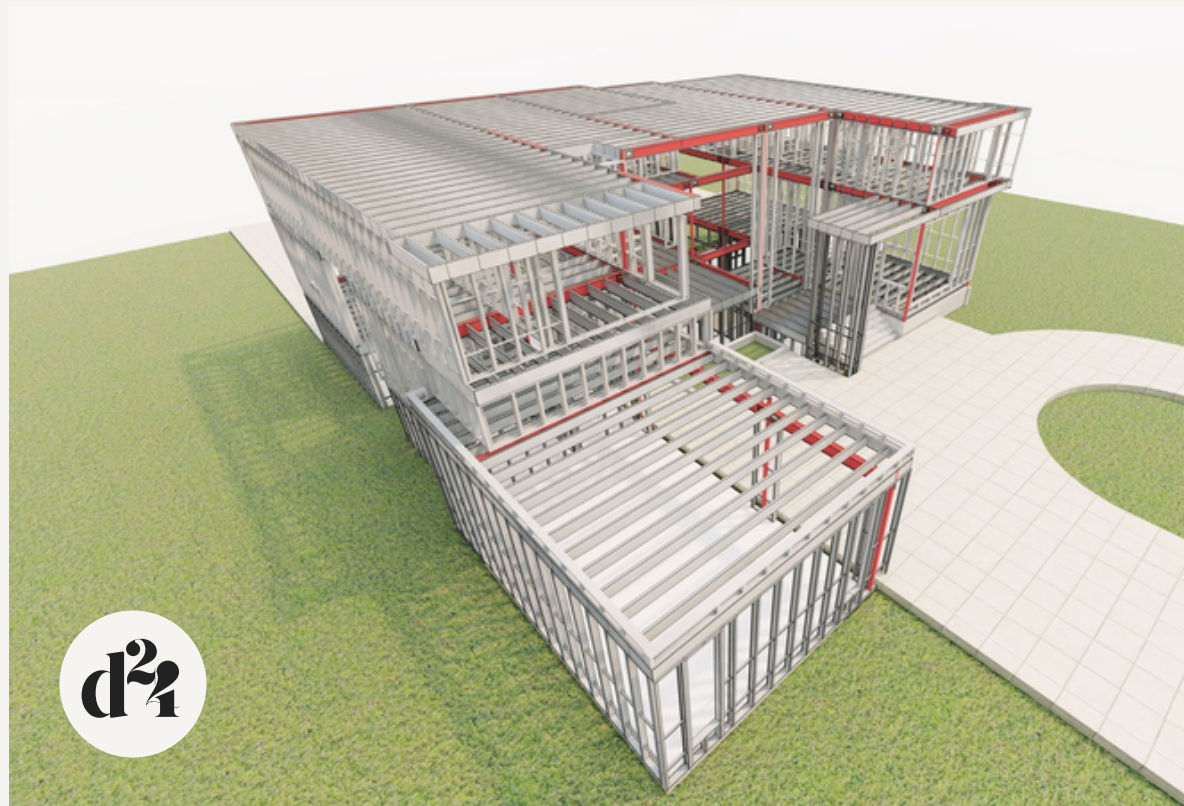
Case Study



Case Study



Case Study



























At Denham Residence, we used cold-formed steel (CFS) to frame an 8,300 sq. ft. custom home—demonstrating how quickly and efficiently a large-scale residential structure can come together using this innovative method. Formed at room temperature through bending, rolling, or pressing, CFS retains its strength and integrity while allowing for the creation of complex shapes and profiles. Its flexibility and precision make it ideal for customized construction, offering tailored solutions that meet exact specifications for size, shape, and thickness.

If you're considering CFS for your next build, give us a call. We know the roadmap, understand the challenges, and can help you navigate every step of this complex undertaking with confidence.

Type
Residential

City
Richmond Hill

Lot Size
100 x 266

Area
8,300 Sq. Ft.

Bedrooms
6

Bathrooms
10



THANK YOU

Get in Touch



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